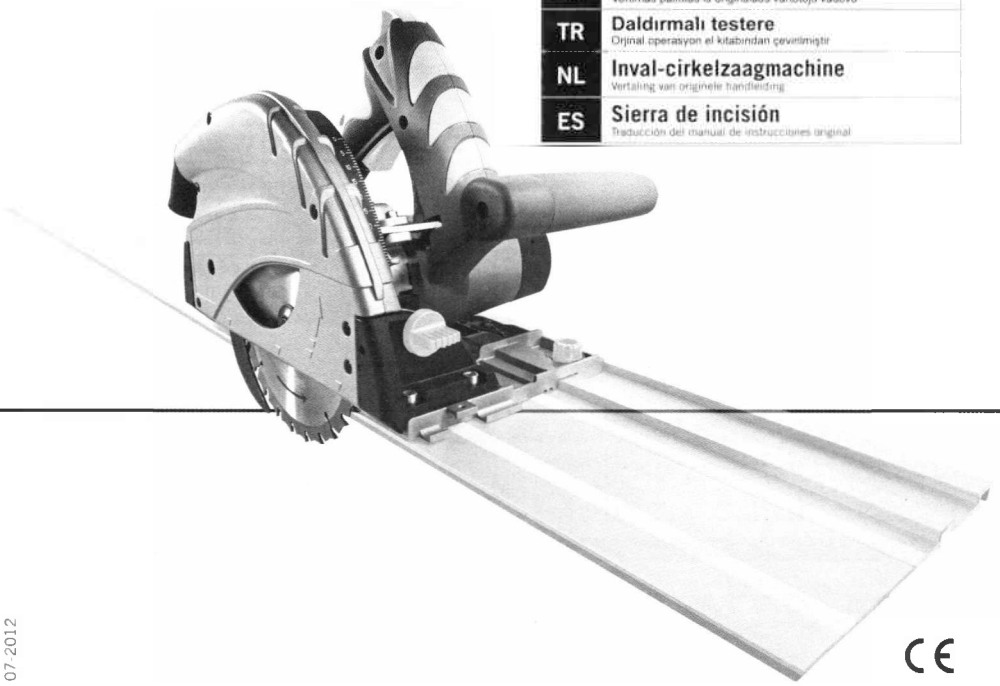
scheppach

# cs 55

Art.-Nr. 490 1802 903

| | |
|---|---|
| D | **Tauchsäge**<br>Originalbetriebsanleitung |
| GB | **Plunge Cut Saw**<br>Translation from the original instruction manual |
| FR | **Scie Plongeante**<br>Traduction du manuel d'origine |
| IT | **Sega Ad Immersione**<br>Traduzione dalle istruzioni d'uso originali |
| FIN | **Pyörösaha**<br>Käännös alkuperäisestä käyttöohjeesta |
| DK | **Rundsav**<br>Oversættelse fra den originale brugervejledning |
| CZ | **Zanořovací pila**<br>Překlad z originálního návodu |
| SK | **Ponorná píla**<br>Preklad originálu - Úvod |
| PL | **Piła**<br>Tłumaczenie oryginału instrukcji obsługi |
| N | **Dykksag**<br>Oversettelse fra original brukermanual |
| SE | **Sänksåg**<br>Översättning av original-bruksanvisning |
| EST | **Üles-alla nihutatava kettaga saepink**<br>Algupärase käsiraamatu tõlge |
| LAT | **Iegremdējamais zāģis**<br>Instrukcijas oriģināla tulkojums |
| LIT | **Diskinis pjūklas**<br>Vertimas paimtas iš originalaus vartotojo vadovo |
| TR | **Daldırmalı testere**<br>Orjinal operasyon el kitabından çevirilmiştir |
| NL | **Inval-cirkelzaagmachine**<br>Vertaling van originele handleiding |
| ES | **Sierra de incisión**<br>Traducción del manual de instrucciones original |



07.2012

CE

## Deutschland

Nur für EU-Länder
Werfen Sie Elektrowerkzeuge nicht in den Hausmüll!
Gemäß europäischer Richtlinie 2002/96/EG über Elektro- und Elektronik-Altgeräte und Umsetzung in nationales Recht müssen verbrauchte Elektrowerkzeuge getrennt gesammelt und einer umweltgerechten Wiederverwertung zugeführt werden.

## Great Britain

Only for EU countries
Do not dispose of electric tools together with household waste material!
In observance of european directive 2002/96/EC on wasted electrical and electronic equipment and its implementation in accordance with national law electric tools that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

## France

Pour les pays européens uniquement
Ne pas jeter les appareils électriques dans les ordures ménagères!
Conformément à la directive européenne 2002/96/EG relative aux déchets d'équipements électriques ou électroniques (DEEE), et à sa transposition dans la législation nationale, les appareils électriques doivent être collectés à part et être soumis à une recyclage respectueux de l'environnement.

## Italia

Solo per Paesi UE
Non gettare le apparecchiature elettriche tra i rifiuti domestici!
Secondo la Direttiva Europea 2002/96/CE sui rifiuti di apparecchiature elettriche ed elettroniche e la sua attuazione in conformità alle norme nazionali, le apparecchiature elettriche esauste devono essere raccolte separatamente, al fine di essere reimpiegate in modo eco-compatibile.

## Nederlands

Alleen voor EU-landen
Geef elektrisch gereedschap niet met het huisvuil mee!
Volgens de europese richtlijn 2002/96/EG inzake oude elektrische en elektronische apparaten en de toepassing daarvan binnen de nationale wetgeving, dient gebruikt elektrisch gereedschap gescheiden te worden ingezameld en te worden afgevoerd naar en recycle bedrijf dat voldoet aan de geldende milieu-eisen.

## España

Sólo para países de la UE
¡No deseche los aparatos eléctricos junto con los residuos domésticos!
De conformidad con la Directiva Europea 2002/96/CE sobre residuos de aparatos eléctricos y electrónicos y su aplicación de acuerdo con la legislación nacional, las herramientas electricas cuya vida útil haya llegado a su fin se deberán recoger por separado y trasladar a una planta de reciclaje que cumpla con las exigencias ecológicas.

## Portugal

Apenas para países da UE
Não deite ferramentas eléctricas no lixo doméstico!
De acordo cum a directiva europeia 2002/96/CE sobre ferramentas eléctricas e electrónicas usadas e a transposição para as leis nacionais, as ferramentas eléctricas usadas devem ser recolhidas em separado e encaminhadas a uma instalação de reciclagem dos materiais ecológica.

## Sverige

Gäller endast EU-länder
Elektriska verktyg får inte kastas i hushållssoporna!
Enligt direktivet 2002/96/EG som avser äldre elektrisk och elektronisk utrustning och dess tillämpning enligt nationell lagstiftning ska uttjänta elektriska verktyg sorteras separat och lämnas till miljövänlig återvinning.

## Finnland

Koskee vain EU-maita
Älä hävitä sähkötyökalua tavallisen kotitalousjätteen mukana!
Vanhoja sähkö- ja elektroniikkalaitteita koskevan EU-direktiivin 2002/96/ETY ja sen maakohtaisten sovellusten mukaisesti käytetyt sähkötyökalut on toimitettava ongelmajätteen keräyspisteeseen ja ohjattava ympäristöystävälliseen kierrätykseen.

## Norge

Kun for EU-land
Kast aldri elektroverktøy i husholdningsavfallet!
I henhold til EU-direktiv 2002/96/EF om kasserte elektriske og elektroniske produkter og direktivets iverksettning i nasjonal rett, må elektroverktøy som ikke lenger skal brukes, samles separat og returneres til et miljøvennlig gjenvinningsanlegg.

## Danmark

Kun for EU-lande
Elværktøj må ikke bortskaffes som almindeligt affald!
I henhold til det europæiske direktiv 2002/96/EF om bortskaffelse af elektriske og elektroniske produkter og gældende national lovgivning skal brugt elværktøj indsamles separat og bortskaffes på en måde, der skåner miljøet mest muligt.

## Slovakia

Len pre štáty EÚ
Elektrické náradie nevyhadzujte do komunálneho odpadu!
Podla európskej smernice 2002/96/EG o nakladaní s použitými elektrickými a elektronickými zariadeniami a zodpovedajúcich ustanovení právnych predpisov jednotlivých krajín sa použité elektrické náradie musí zbierať oddelene od ostatného odpadu a podrobiť ekologicky šetrnej recyklácii.

## Slovenia

Samo za države EU
Električnega orodja ne odstranjujte s hišnimi odpadki!
V skladu z Evropsko direktivo 2002/96/EG o odpadni električni in elektronski opremi in z njenim izvajanjem v nacionalni zakonodaji je treba električna orodja ob koncu njihove življenjske dobe loceno zbirati in jih predati v postopek okolju prijaznega recikliranja.

## Ungarn

Csak EU-országok számára
Az elektromos készülékeket ne dobja a háztartási szemétbe!
A használt villamos és elektronikai készülékekről szóló 2002/96/EK irányelv és annak a nemzeti jogba való átültetése szerint az elhasznált elektromos készülékeket külön kell gyűjteni, és környezetbarát módon újra kell hasznosítani.

## Hrvatska

Samo za EU-države
Električne alate ne odlažite u kucne otpatke!
Prema Europskoj direktivi 2002/96/EG o starim električnim i elektroničkim strojevima i preuzimanju u nacionalno pravo mora se istrošeni električni alati sakupljati odvojeno i odvesti u pogon za recikažu.

## Czchia

Jen pro státy EU
Elektrické náradí nevyhazujte do komunálního odpadu!
Podle evropské smernice 2002/96/EG o nakládání s použitými elecktrickými a elektronickými zarízeními a odpovídajících ustanovení právních predpisú jednotlivých zemí se použitá elektrická náradí musí sbírat oddelene od ostatního odpadu a podrobit ekologicky šetrnému recyklování.

## Polska

Tylko dla państw UE
Proszę nie wyrzucac elektronarzedzi wraz z odpadami domowymi!
Zgodnie z europejską Dyrektywą 2002/96/WE dot. zużytego sprzętu elektrycznego i elektronicznego oraz odpowiednikiem w prawie narodowym zużyte elektronarzędzia muszą być oddzielnie zbierane i wprowadzane do ponownego użytku w sposób nieszkodliwy dla środowiska.

## România

Numai pentru tările din UE
Nu aruncati echipamentele electrice la fel ca reziduurile menajere!
Conform Directivei Europene 2002/96/EC privitoare la echipamente electrice si electronice scoase din uz si în conformitate cu legile naţionale, echipamentele electrice care au ajuns la finalul duratei de viaţă trebuie să fie colectate separat si trebuie să fie predate unei unităţi de reciclare.

## Eesti

Kehtib vaid EL maade suhtes.
Ärge kasutage elektritööriistu koos majapidamisjäätmetega!
Vastavalt EÜ direktiivile 2002/96/EC elektri- ja elektroonikaseadmete jäätmete osas ja koskeõigus igas riigis kehtivate seadustega, kehtib kohustus koguda kasutatud elektritööriistad eraldi kokku ja suunata need keskkonnasõbralikku taaskasutusesse.

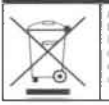
## Latvija

Tikai attiecībā uz ES valstīm.
Neutilizējiet elektriskas ierīces kopā ar sadzīves atkritumiem!
Ievērojot Eiropas Direktīvu 2002/96/EK par elektrisko un elektronisko iekārtu atkritumiem un tās ieviešanu saskaņā ar nacionālo likumdošanu, elektriskas ierīces, kas nokalpojušas savu mūžu, ir jāsavāc dalīti un jāatgriež videi draudzīgās pārstrādes vietās.

## Lietuve

Tik ES šalims.
Nemesti elektros prietaisų kartu su kitomis namų ūkio atliekomis!
Pagal Europos Sąjungos direktyvą 2002/96/EB dėl elektros ir elektronines įrangos atliekų ir jos vykdymo pagal nacionalinius įstatymus elektros įrankius, kurių tinkamumo naudoti laikas pasibaigė, reikia surinkti atskirai ir perduoti aplinkai nekenksmingo pakartotinio perdirbimo įmonei.

## Ísland



Aðeins fyrir lönd ESB.
Ekki henda rafmagnsverkfærum með heimilisúrgangi!
Í fylgni við evrópsku tilskipunina 2002/96/EC um fargaðan rafbúnað og rafrænan búnað og framkvæmd þess í samræmi við innlend lög, verða rafmagnstæki sem úr sér gengin að safna saman og skila til umhverfisvænnar endurvinnslustöðvar.

Fig. 1

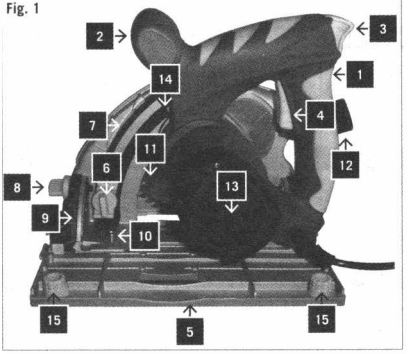



Fig. 2

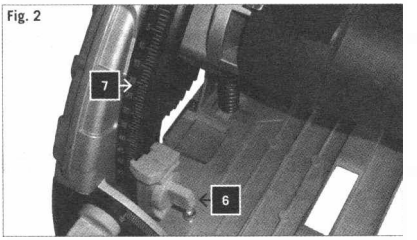



Fig. 3

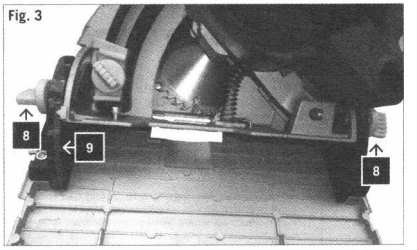



Fig. 4

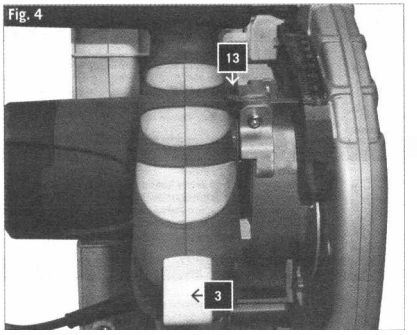



Fig. 5

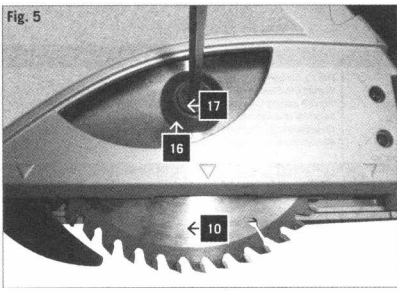



Fig. 6

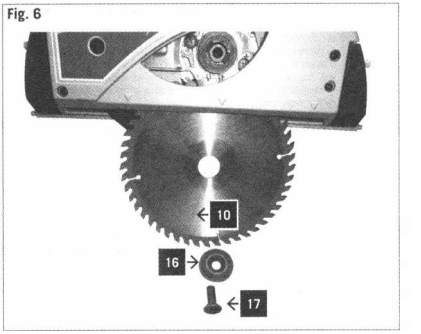



Fig. 7

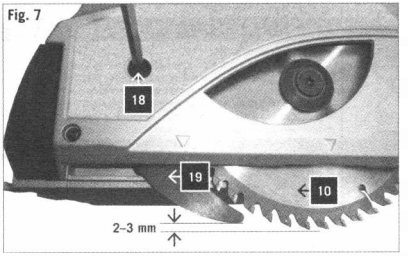



Fig. 8

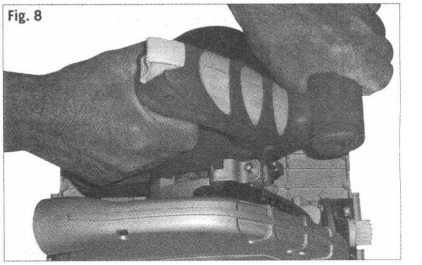
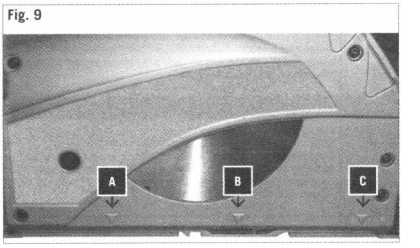


Fig. 9



scheppach

# cs 55


| | | |
|---|---|---|
| D | Tauchsäge | 4–11 |
| GB | Plunge Cut Saw | 12–19 |
| FR | Scie Plongeante | 20–27 |
| IT | Sega Ad Immersione | 28–35 |
| FIN | Pyörösaha | 36–43 |
| DK | Rundsav | 44–51 |
| CZ | Zanořovaci pila | 52–59 |
| SK | Ponorná píla | 60–67 |
| PL | Piła | 68–75 |
| N | Dykksag | 76–83 |
| SE | Sänksåg | 84–91 |
| EST | Sisselõike nurksaag | 92–99 |
| LAT | Zāģis griešanai 45° leņķī | 100–107 |
| LIT | Nuožulnaus pjovimo pjūklas | 108–115 |
| TR | Alttan kesen Gönye Testeresi | 116–123 |
| NL | Inval-cirkelzaagmachine | 124–131 |
| ES | Sierra de incisión | 132–139 |

**DESIGNED & ENGINEERED:**
scheppach Fabrikation von
Holzbearbeitungsmaschinen GmbH
Gunzburger Straße 69
D-89335 Ichenhausen

**Made in China.**

**DEAR CUSTOMER,**
we wish you a pleasant and successful working experience with your new scheppach machine.

**NOTE:**
According to the applicable product liability law the manufacturer of this device is not liable for damages which arise on or in connection with this device in case of:
- improper handling,
- non-compliance with the instructions for use,
- repairs by third party, non authorized skilled workers,
- installation and replacement of non-original spare parts,
- improper use,
- failures of the electrical system due to the non-compliance with the electrical specifications and the VDE 0100, DIN 57113 / VDE 0113 regulations

**RECOMMENDATIONS:**
Read the entire text of the operating instructions prior to the assembly and operation of the device.
These operating instructions are intended to make it easier for you to get familiar with your device and utilize its intended possibilities of use.
The operating instructions contain important notes on how to work safely, properly and economically with your machine and how to avoid dangers, save repair costs, reduce downtime, and increase the reliability and working life of the machine.
In addition to the safety regulations contained herein, you must in any case comply with the applicable regulations of your country with respect to the operation of the machine.
Put the operating instructions in a clear plastic folder to protect them from dirt and humidity, and store them near the machine. The instructions must be read and carefully observed by each operator prior to starting the work. Only persons who have been trained in the use of the machine and have been informed on the related dangers and risks are allowed to use the machine. The required minimum age must be met.
In addition to the safety notes contained in the present operating instructions and the special regulations of your country, the generally recognized technical rules for the operation of wood working machines must be observed.

| | |
|---|---|
| | Read the operating instructions before beginning work with this power tool. |
| | Wear ear and eye protection. |
| | Wear breathing protection. |

**LEGENDE VON FIG. 1**
1 Handle/hand grip
2 Front handle
3 Plunge-cut trigger
4 On/off switch
5 Base plate
6 Adjustment screw for depth of cut
7 Scale for depth of cut
8 Mitre adjustment screw
9 Mitre square
10 90-degree adjustment screw
11 Saw blade
12 Suction nozzle
13 Motor
14 Shaft locking mechanism
15 Adjustment screw for guide rail

| cs 55 | |
|---|---|
| **Scope of delivery** | |
| | [illegible] cut saw |
| | Hexagon head wrench 5mm |
| | [illegible] instructions |
| **Technical Data** | |
| **Dimensions L x W x H mm** | 340 x 260 x 235 |
| **Saw blade ø mm / number of teeth** | 160 / 24Z |
| **Thickness of saw blade** | 2,0 mm |
| **Idling speed n0** | 5500 1/min |
| **Mitre square** | 0°–45° |
| **Depth of cut 90° mm** | 55 |
| **Depth of cut 45° mm** | 41 |
| **Weight kg** | 4,[illegible] |
| **Drive** | |
| **Motor V/Hz** | 230 [illegible] |
| **Input W** | 1200 |
| **Protection class** | II |
| **Operating noise level and vibrations** | |
| **Sound pressure level** | $L_{pA}$: 95 dB(A), $K_{pA}$: 3 dB(A) |
| **Sound power level** | $L_{wA}$: 106 dB(A), $K_{wA}$: 3 dB(A) |
| **Typical weighted vibrations** | $a_h$ = 5,72 m/s², K = 1,5m/s² |
| **Measured values corresponding to EN 60 745-2-5 and EN 60 745-1** | |
| **Subject to technical modifications!** | |

**Warning:** Noise can have adverse health effects. Should the noise level increase above 85 dB(A), you must wear ear protection. Should the electrical supply not be optimal, then the current can drop for a short time when the machine is turned on. This can influence other equipment (for example, the blinking of a lamp). Should the electrical capacity have a Zmax < 0.27, such disturbances are not to be expected. (Should you have difficulties, please consult your local dealer.)

## General notes

- After unpacking, check all parts for any transport damage. Inform the supplier immediately of any faults.

- Later complaints cannot be considered.
- Make sure the delivery is complete.
- Before putting into operation, familiarize yourself with the machine by carefully reading these instructions.
- Use only original Scheppach accessories, wearing or replacement parts. You can find replacement parts at your scheppach dealer.
- When ordering, include our item number and the type and year of construction of the machine.

**In these operating instructions we have marked the places that have to do with your safety with this sign: ⚠**

## ⚠ General safety instructions for power tools

- **WARNING Read all warnings and instructions.** Failure to apply all warnings and instructions can lead to electrical shock, fire and/or serious injury.
- **Keep all warnings and instructions handy for future consultation.**
- **The term "power tool" used in the warnings refers to power tools that are connected to a source of electrical energy (with an electrical cable)**

**1) Workplace safety**

a) Keep your working area clean and well lit. Cluttered or dimly lit workspaces can lead to accidents.

b) Do not operate power tools in areas where explosions could take place, or in which flammable liquids, gases or dust are present. Power tools can create sparks, which can cause dust or fumes to ignite.

c) Keep children and bystanders away from the power tool when it is being used. Distractions could cause you to lose control over the equipment.

**2) Electrical safety**

a) The terminal plug of the tool must fit into the outlet. The plug may not be modified in any way. Do not use an adaptor plug together with grounded power tools. The original plugs and the appropriate outlets reduce the risk of an electrical shock.

b) Avoid contact with grounded surfaces, such as pipes, radiators, stoves and refrigerators. There is an increased risk of electrical shock, if your body is grounded.

c) Keep power tools away from rain or wet conditions. Penetration of water into the power tool increases the risk of electrical shock.

d) Do not use the cable for any purpose other than that for which it was made. Do not use it to carry the tool, hang it up, or to pull the plug out of the outlet. Keep the cable away from heat, oil, sharp corners or parts of the equipment that move. Damaged or entangled cords increase the risk of electrical shock.

e) When operating the power tool outdoors, only use extension cords that are suitable for outdoor use. The use of an appropriate extension cord reduces the risk of an electrical shock.

f) If the power tool must be used in a damp environment, use a residual current protective device. The use of such a device reduces the risk of electrical shock.

**3) Personal safety**

a) Be attentive, watch what you are doing and use the power tool sensibly. Do not use power tools when you are tired or under the influence of drugs, alcohol or medicines. One moment of inattention while using a power tool can result in serious injury.

b) Wear personal protective equipment and always wear protective glasses. Wearing personal protective equipment, such as a dust mask, slip-free safety shoes, protective headwear or ear protection, depending on the type and use of a power tool reduces the risk of injury.

c) Avoid unintentional start-ups. Make sure that the power tool is shut off before it is connected to the power supply, or is carried. If you have your finger on the switch of the tool while carrying it, or have the tool turned on, or connected to a power supply, this behaviour can lead to accidents.

d) Remove the adjustment aides or the spanners before turning on the power tool. A tool or wrench that is located in a rotating part of the machine, can lead to injuries.

e) Avoid abnormal posture. Make sure that the operator is standing firmly and can maintain balance. This allows the operator to maintain control over the power tool in unexpected situations.

f) Wear appropriate clothing. Do not wear loose clothing or jewellery. Keep hair, clothing and gloves away from the moving parts. Loose clothing, jewellery or long hair can get caught in the moving parts.

g) If dust vacuums or catching systems can be installed on the tool, make sure that these are correctly connected and assembled. The use of a dust exhaust unit can reduce hazards caused by dust.

**4) Use and treatment of the power tool**

a) Do not overtax the tool. Use the appropriate tool for the work that is to be done. With the correct power tool, you can work better and more safely.

b) Do not use a power tool where the switch is defective. A power tool that cannot be turned on and off is dangerous and must be repaired.

c) Disconnect the plug from the wall outlet before you make adjustments to the tool, change parts or put the tool away. This precaution prevents inadvertent start-ups of the tool.

d) Store power tools that are not in use out of reach of children. Do not let anyone use the tool who does not have experience with it, or who has not read these instructions. Power tools can be dangerous when they are used by inexperienced people.

e) Take good care of your power tools. Make sure that movable parts function properly and do not jam, see that parts which influence the use of the machine are not broken or damaged. Repair damaged parts before operating the tool. Many accidents are caused by poorly maintained power tools.

f) Keep cutting edges sharp and clean. Properly maintained cutting tools with sharp cutting edges jam less often and are easier to control.

g) Use power tools, accessories, and equipment according to these instructions. Taking into account the working conditions and the work being performed.

The use of power tools other than those intended for the tool itself can lead to dangerous situations.

**5) Service**

a) Only let qualified service personnel repair your tool and always use original replacement parts. This guarantees that the power tool remains safe to use.

## ⚠ Safety instructions for all saws

a) DANGER: Do not put your hands in the sawing area or on the saw blade. Keep your second hand on the extra handle of the motor housing. If both hands are holding the saw, neither can be injured by the saw blade.
b) Do not put your hands under the work piece. The protective cap cannot protect your hands from the blade when they are under the work piece.
c) Adjust the cutting depth to the thickness of the work piece. Less than one complete sawing tooth should be visible under the work piece.
d) Never hold the work piece that is to be sawn in your hand or over your leg. Make sure that the work piece has a stable balance. It is important that the work piece is held securely, in order to minimize the danger of contact of a body part with the saw, loss of control over the saw, or jamming of the blade.
e) Hold the equipment on the insulated handles, when you undertake work in which the tool being used could come into contact with hidden electrical wires, or its own cable. Contact with a live power source can electrify the metal parts of the tool and lead to an electrical shock.
f) When making a long cut, always use a stop chock or a straightedge. This improves the accuracy of the cut and reduces the chance that the saw blade jams.
g) Always use the correct size of saw blades and make sure they have the right locating bore (e.g. Star shaped or round). Saw blades that do not fit the assembly of the saw do not run correctly and cause loss of control.
h) Never use damaged or incorrect saw blade shims or screws.
The saw blade shims and screws are designed especially for your saw, for optimal performance and operating safety.

## ⚠ Additional safety instructions for all saws

Causes and prevention of kickbacks:

• A kickback is a sudden reaction due to a caught, jammed or incorrectly adjusted saw blade, which leads to the saw rearing up in an uncontrolled manner and moving out of the work piece towards the operator.
• If a saw blade catches or jams in the sawing edge that closes behind it, it is blocked and motor's drive pushes the saw back in the direction of the operator.
• If the saw blade twists in the saw groove or is incorrectly positioned, the teeth at the rear side of the saw blade edge catch in the surface of the work piece. The saw then moves out of the saw groove and springs back in the direction of the operator.
• A kickback results from an incorrect or faulty use of the saw. It can be prevented, as will be described in the following, by appropriate cautionary measures.

a) Hold onto the saw with both hands and position your arms so that they can absorb any energy from a kickback. Always keep to the side of the saw blade, and never bring it into line with your body. In the case of a kickback, the circular saw can jump backwards, but with adequate caution the operator can deal with the energy of the kickback.
b) If the saw blade jams or you want to interrupt your work, then turn the saw off and keep the work piece still until the saw blade comes to a full stop. Never try to remove the saw from the work piece or pull it out when the saw blade is moving since then a kickback can occur. Find out the cause of the jam and remove it.
c) If you want to start up a saw that is in the work piece, centre the saw blade in the sawed groove and check that the saw blade teeth are not caught in the work piece. If the saw blade is jammed, it can jump out of the work piece or cause a kick back when it is started up.
d) Support larger work pieces in order to reduce the risk of a kick back due to a saw blade jam. The weight of larger work pieces can cause them to bend. Large pieces must be supported on both sides, both near the sawing slot as well as on the edges.
e) Do not use dull or damaged saw blades. Saw blades with dull or misaligned teeth increase the friction, in the sawing slot, cause saw blade jams and kickbacks.
f) Before you start sawing, tighten the adjustments for the cut depth and angles. If you change settings while sawing, the saw blade can jam and a kickback is the result.
g) Be particularly careful when making "inserted cuts" in walls that already exist or other areas where you cannot see what is behind the surface. When the saw blade is inserted into the wall it can be blocked by hidden objects and cause a kick back.

## ⚠ Safety instructions for inserted circular saw use

a) Each time before you use the saw, make sure that the protective covering closes. Do not use the saw if the protective covering cannot move freely and does not close immediately. Never clip or tie the protective covering in an opened position. If the saw should accidentally fall to the ground, the protective covering can get bent. Make sure that the protective covering can move freely and does not touch the saw blade or other parts in all cutting positions.
b) Check the condition and function of the spring for the protective covering. Have the saw repaired before use if the protective covering and spring do not work perfectly. Damaged parts, sticky residuals or piles of saw dust can interfere with the working of the lower protective cover.
c) When making an "inserted cut" that does not describe a right angle, make sure that the saw is guarded against

slipping to the side. Slippage can lead to a saw blade jam and a kickback.
d) Do not put the saw on the workbench or the floor without making sure that the protective cover is over the saw blade. An unprotected, running saw blade can move the saw against the cutting direction and saw what is in the way. Check the delay time of the saw.

## ⚠Additional safety instructions for all sawing with a wedge

a) Use the right wedge for the saw blade that is in use. The wedge must be thicker than the thickness of the steel blade but thinner than the width of the teeth.
b) Adjust the wedge as described in the operating instructions. Incorrect thickness, position or direction can be the reason that the wedge does not effectively prevent a kickback.
c) Always use a wedge, except when making an inserted cut. Reassemble the wedge after an inserted cut. The wedge is in the way when making an inserted cut and can cause a kickback.
d) In order for the wedge to be effective, it must be in the sawing gap. For short cuts, a wedge does not work to prevent kickbacks.
e) Never run the saw with a bent wedge. Even the smallest defect can slow down the closing of the protective cover.

### INSTRUCTIONS FOR ALL SAWS

- Do not use a sanding belt.
- Make sure that the wedge is adjusted so that the distance to the sprocket ring of the saw blade is not more than 5 mm and that the sprocket ring does not stick out more than 5 mm above the lower edge of the wedge.
- Make sure that the dust catching mechanism is correctly installed, as is described in this manual.
- Wear breathing protection.
- Only those saw blades recommended in the manual should be used.
- Always wear ear protection.
- Replace the saw blades as described in this manual.
- The maximum cut depth is 55 mm.

If the electrical cable of this tool is damaged it must be replaced by the manufacturer or the customer service department or a similarly qualified specialist in order to avoid dangers.

### FURTHER SPECIAL SAFETY INSTRUCTIONS FOR CIRCULAR SAWS

a) Only use the recommended saw blades which correspond to EN 847-1.
b) Do not use sanding belts.
c) Only use the manufacturer's original saw blades with the number Ø 160 mm, 5500/min, 160 x 20 x 2.0.

Do not use any saw blades which do not correspond to the characteristics described in these operating instructions. Saw blades may not be brought to a stop by pressure on the machine from the side.
Make sure that the saw blade is tightly assembled and turns in the correct direction.

## ⚠ Special Safety Instructions

Safety instructions for circular saws
- Hold the equipment on the insulated handles, when you undertake work in which the tool being used could come into contact with hidden electrical wires, or its own cable. Contact with a live power source can electrify the metal parts of the tool and lead to an electrical shock.

## ⚠ Proper use

**CE tested machines meet all valid EC machine guidelines as well as all relevent guidelines for each machine.**

- The machine must only be used in technically perfect condition in accordance with its designated use and the instructions set out in the operating manual, and only by safety-conscious persons who are fully aware of the risks involved in oerating the machine. Any functional disorders, especially those affecting the safety of the machine, sholud terefore be rectified immediately.
- Any other use exceeds authorization. The manufacturer is not responsible for any damages resulting from unauthorized use; risk is the sole responsibility of the operator.
- The safety, work and maintenance instructions of the manufacturer as well as the technical data given in the calibrations and dimensions must be adhered to.
- Relevant accident prevention regulations and other, generally recognized safety-technical rules must also be adhered to.
- The machine may only be used, maintained, and operated by persons familiar with it and instructed in its operation and procedures. Arbitrary alterations to the machine release the manufacturer from all responsibility for any resulting damages.
- The machine may only be used with original accessories and tools made by the manufacturer.
- The machine may not be operated with sanding belts.

## ⚠ Remaining hazards

**The machine has been built using modern technology in accordance with recognized safety rules. Some remaining hazards, however, may still exist.**

- The use of incorrect or damaged mains cables can lead to injuries caused by electricity.
- Even when all safety measures are taken, some remaining hazards which are not yet evident may still be present.
- Remaining hazards can be minimized by following the instructions in „Safety Precautions", „Proper Use" and in the entire operating manual.
- Do not force the machine unnecessarily: excessive cutting pressure may lead to rapid deterioration of the

blade and a decrease in performance in terms of finish and cutting precision.
- When cutting aluminium and plastics always use the appropriate clamps: all workpieces must be clamped down firmly.
- Avoid accidental starts: do not press the start button while inserting the plug into the socket.
- Always use the tools recommended in this manual to obtain the best results from your plunge cut saw.
- Always keep hands away from the work area when the machine is running; before performing tasks of any kind release the main switch button located on the handgrip, thus disconnecting the machine.

## ⚠ Suitable use

**To cut:**
- Hard and soft, domestic and exotic wood both longitudinally and transversally and with appropriate adjustments (specific blade and clamps);

**Unsuitable use**
**Do not cut:**
- Ferrous materials, steel and cast iron or any other material not mentioned above and in particular foodstuffs.

## Start-up

**Observe the safety notes in the operating instructions before operating the machine.**

**REMOVAL OF PACKAGING**
Remove the box used to protect the machine during transportion and keep it intact for future transportation and storage.

**ELECTRICAL CONNECTIONS**
Check that the electrical system to which the machine is connected is earthed in compliance with current safety regulations and that the current socket is in perfect condition.
The electrical system must be fitted with a magnetothermal protective device to safeguard all conductors from short circuits and overload.
The selection of this device should be in line with the following electrical specifications of the machine stated on the motor.
**NOTE:** Your plunge cut saw's electrical system is equipped with an undervoltage relay which automatically opens the circuit when the voltage falls below a minimum pre-established limit and which prevents the self-reset of machine functions when voltage returns to normal levels.
If the machine stops involutarily, do not be allarmed. Make sure that there has not been a voltage failure in the electrical system.

## ADJUSTING

Caution: Prior to carrying out one of the following adjustment steps, switch the machine off and unplug the mains plug.

**Cutting depth adjustment, Fig. 2**
The cutting depth can be adjusted from 0 to 55 mm.
Unfasten the cutting depth adjustment screw (6) and set the required depth using the scale (7) and retighten the screw.
The dimentions on the rail shows the cutting depth without rail.

**Mitre settings, Fig. 3**
The mitre square can be set from 0° to 45°.
Unfasten the mitre adjustment screws (8) on both sides, set the desired mitre square on the scale (9) and retighten both screws.

**Saw blade replacement, Fig. 4, 5, 6**
**Caution: Before you are going to make the saw blade change, switch off the machine and unplug the power cord.**
1 Press the plunge trigger (3), bring the saw blade into the blade-change position (Adjustment screw for depth of cut shall be adjusted to 25mm) and insert the hex wrench into the blade locking screw (17).
2 Press on the shaft lock (13) and rotate the saw blade (10) until the lock clicks into place.
3 Hold down the locking shaft (13) and open the blade locking screw (17) counter clockwise, while keeping the blade in the blade-changing position.
4 Remove the outer flange (16) and the saw blade (10).
**(Caution: risk of injuries, wear protective gloves)**
5 Insert the new blade and flange.
6 Screw in and tighten the saw blade locking screw while keeping the shaft locking mechanism pressed again.
7 Set the plunge saw to its original position.

**Adjusting the splitting wedge, Fig. 7**
Adjust the distance between saw blade and splitting wedge after a saw blade replacement, or whenever necessary.
Put the saw in the same position as you do when replacing a saw blade.
Unfasten the adjustment screw (18) using an Allen key and set the splitting wedge 2-3 mm higher than the saw blade, then retighten the adjustment screw.

## Operations

After having performed all the above procedures and operations, you may begin cutting.
**ATTENTION:** Always keep hands away from the cutting area and do not try to approach it when the machine is running.

**Switching the product on/off, Fig. 1**
To switch the plunge-cut saw on, press the on/off switch (4). To switch off, release the on/off switch (4).
**Operating and holding the plunge-cut saw, Fig. 8**
1 Secure the work piece so that it cannot get displaced or moved while sawing.
2 Only move the saw forwards.
3 Grip the saw tightly with both hands ensuring that one hand is placed on the main handle and the other on the front handle.

4 When using a guide rail, it must be fastened with screw clamps.
5 Make sure the power cable is not placed in the sawing direction.

**Sawing**

1 Place the front part of the machine onto the work piece.
2 Switch the machine on using the on/off switch (4).
3 Press the plunge-cut trigger (3).
4 Push the saw downwards to reach the sawing depth.
5 Push the saw forward evenly.
6 After finishing the sawing cut, switch the machine off and move the saw blade upwards.

**Plunge-cuts, Fig. 9**

1 Place the saw onto the work piece.
2 Place the cutting indicator with the rear arrow (A) on the marked plunge-cut position.
3 Switch the machine on and push the saw downwards until you reach the set cutting depth.
4 Move the saw forwards until the cutting indication (C) has reached the marked point.
5 After completion of the plunge-cut, move the saw blade upwards and switch the saw off.

**Cutting with rails (otional)**

1 Place the machine in the guide rails. can be readjusted using the hex driver included in the delivery, when there is the risk of the adjusting screws releasing by themselves.
2 Turn on the machine by pressing the on/off switch (4).
3 Press the dip trigger (3).
4 Press the saw downwards to reach the sawing depth. During first use the rubber lip is sawn off and thus splitter protection is guaranteed up to the saw blade.
5 Push the saw uniformly forwards.
6 Turn off the machine and tilt the saw blade to the top when the saw cutting is complete.

**Sawing with dust suction**

Connect the suction hose to the exhaust nozzle - Ø 38 mm (12).

## ⚠ Electrical connection

**The installed electric motor is completely wired ready for operation.**

**The customer's connection to the power supply system, and any extension cables that may be used, must conform with local regulations.**

**Important remark:**

The motor is automatically switched off in the event of an overload. The motor can be switched on again after a cooling down period that can vary.

**Defective electrical connection cables**

Electrical connection cables often suffer insulation damage.

Possible causes are:

- Pinch points when connection cables are run through window or door gaps.
- Kinks resulting from incorrect attachment or laying of the connection cable.
- Cuts resulting from running over the connecting cable.
- Insulation damage resulting from forcefully pulling out of the wall socket.
- Cracks through aging of insulation.

Such defective electrical connection cables must not be used as the insulation damage makes them **extremely hazardous.**

Check electrical connection cables regularly for damage. Make sure the cable is disconnected from the mains when checking.

Electrical connection cables must comply with the regulations applicable in your country.

**Single-phase motor**

- The mains voltage must coincide with the voltage specified on the motor's rating plate.
- Extension cables up to a length of 25 m must have a cross-section of 1.5 $mm^2$, and beyond 25 m at least 2.5 $mm^2$.
- The connection to the mains must be protected with a 16 A slow-acting fuse.

Only a qualified electrician is permitted to connect the machine and complete repairs on its electrical equipment.

In the event of enquiries please specify the following data:

- Motor manufacturer
- Type of current of the motor
- Data recorded on the machine's rating plate
- Data recorded on the switch's rating plate

If a motor has to be returned, it must always be dispatched with the complete driving unit and switch.

## Accessories

**RAIL** **1400 MM**

## ⚠ Maintenance

**If specialist personnel must be brought in for extraordinary service or repairs during the warranty period and thereafter, please contact a service provider recommended by us or contact the manufacturer directly.**

- Overhauls, maintenance work, cleaning, as well as the elimination of any malfunctions must only be undertaken after turning off the motor.
- All protective and safety equipment must be reinstalled immediately upon completion of any repair or maintenance work.

### REGULAR MAINTENANCE

The regular maintenance decribed above and in the paragraph below can be carried out by unskilled personnel.

- Do not oil the plunge cut saw, cause cutting must be carried out in dry conditions; all rotating parts are self-lubricating.
- During maintenance, wear protective gear if possible (accident-prevention goggles and gloves).
- Remove cuttings when necessary both from the cutting area, work surfaces and support bases.
  Use of an aspirator or brush is recommended.
  **ATTENTION:** Do not use compressed air jets!
- Regularly check blade conditions: if difficulties should arise during cutting, have it sharpened by skilled personnel or replace it if necessary.

### ASSISTENCE

When in need of skilled personnel for special maintenance, or for repairs, both during and following the guarantee period, always apply to authorized centres for assistance or directly to the manufacturer if there is no authorized centre in your area.

### DISPOSAL OF THE MACHINE.

Once its operating activity is finished, the disposal of the machine must take place through a normal collection and disposal Center for industrial waste.

## EC Declaration of Conformity

We herewith declare, scheppach Fabrikation von Holzbearbeitungsmaschinen GmbH, Günzburger Str. 69, D-89335 Ichenhausen
that the machine described below due to its construction and design and in the version delivered by us complies with the relevant provisions of the following EC Directives.
In case of a modification of the machine this declaration ceases to be valid.

Benificary: Werner Hartmann

Machine description:
**Plunge cut saw**

**Circular saw, hand held**
**to saw wood with an appropriate saw blade**

Machine type:
**cs 55, Art.-No. 490 1802 903**

Applicable EC Directives:
**EC machine directive 2006/42/EC,**
**EC Low voltage directive 2006/95/EC,**
**EC-EMV directive 2004/108/EC.**

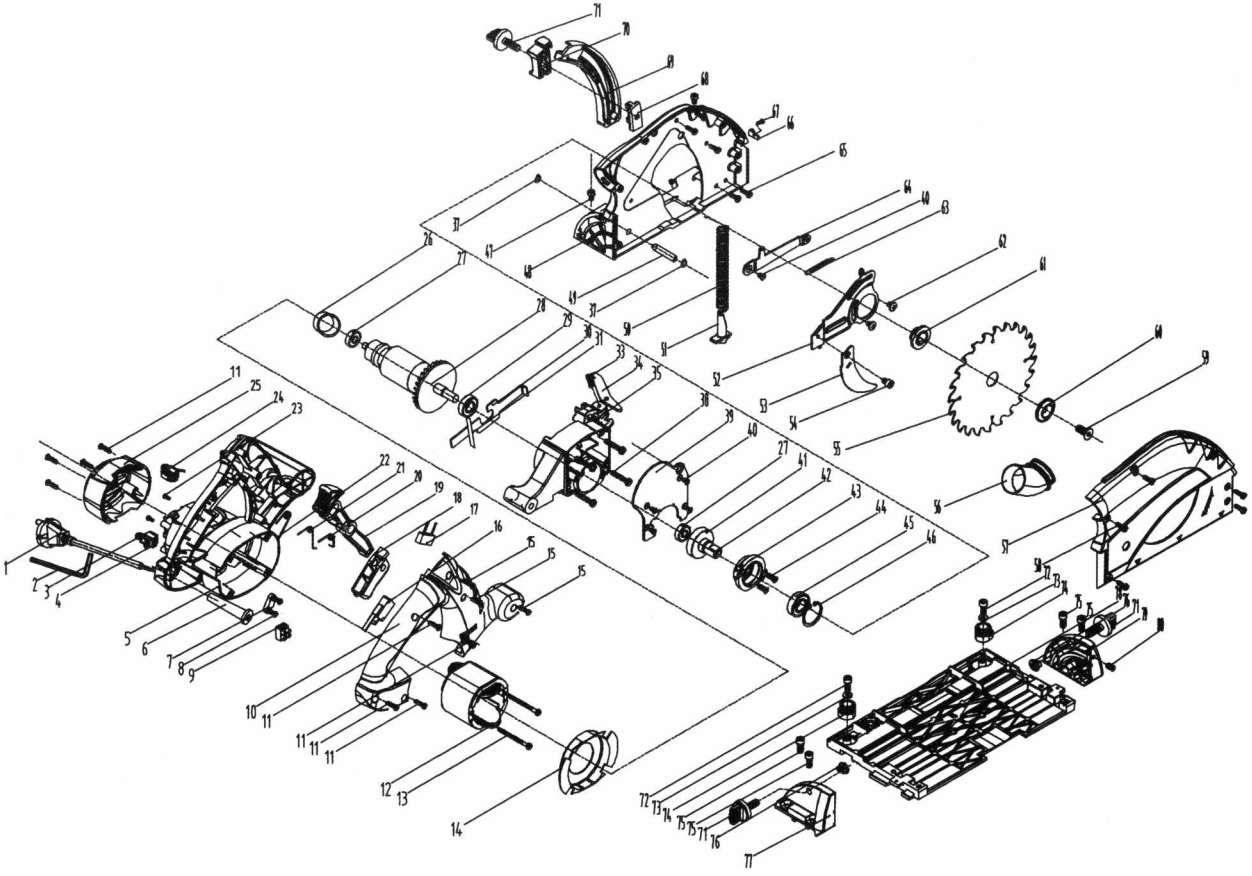
Applied harmonized European standards, especially
**EN 60745-1, EN 60745-2-5, EN 55014-1, EN 55014-2, EN 61000-3-2, EN 61000-3-3, EN 55014-1/A2:2002, EN 61000-3-3/A2:2005, EN 61000-3/A2:2005, EN 61000-3-11:2000, EN 55014-2/A1:2001, EN 61029-2-9:2002**

Place, date:
**Ichenhausen, 02.05.2011**

Handtekening:
**Werner Hartmann (Head of Technical Innovation)**

## Trouble shooting

| Problem | Possible Cause | Help |
|---|---|---|
| The motor does not run. | Faulty motor, power supply cable or plug. Burned out fuses. | Have the machine checked by skilled personnel. Do not try to repair the machine yourselves as it may be dangerous. Check the fuses and replace them if necessary. |
| The motor starts slowly and does not reach running speed. | Low power supply voltage. Damaged windings. Burned out capacitor. | Ask for the Electricity Board to check the voltage available. Have the machine motor checked by skilled personnel. Have the capacitor replaced by skilled personnel. |
| Excessive motor noise. | Damaged windings. Faulty motor. | Have the motor checked by skilled personnel. |
| The motor does not reach full power. | Overloaded circuit due to lighting, utilities or other motors. | Do not use other utilities or motors on the circuit to which the plunge cut saw is connected. |
| Motor overheats easily | Overload of the motor; inadequate cooling of the motor | Prevent overloading the motor when cutting; remove dust from the motor to ensure an optimum cooling of the motor |
| Decrease in cutting power when sawing | The saw blade is too small (sharpened too often) | Re-adjust the end stop of the saw unit |
| The saw cut is rough or wavy | The saw blade is dull; the tooth shape is not suited to the thickness of the material | Re-sharpen the saw blade or use an appropriate saw blade |
| The work piece rips or splinters | The cutting pressure is excessive or the saw blade is not suited to the application | Use the correct saw blade |



**Garantie D**

Offensichtliche Mängel sind innerhalb von 8 Tagen nach Erhalt der Ware anzuzeigen, andernfalls verliert der Käufer sämtliche Ansprüche wegen solcher Mängel. Wir leisten Garantie für unsere Maschinen bei richtiger Behandlung auf die Dauer der gesetzlichen Gewährleistungsfrist ab Übergabe in der Weise, dass wir jeden Maschinenteil, dass innerhalb dieser Zeit nachweisbar in Folge Material- oder Fertigungsfehler unbrauchbar werden sollte, kostenlos ersetzen. Für Teile, die wir nicht selbst herstellen, leisten wir nur insoweit Gewähr, als uns Gewährleistungsansprüche gegen die Vorlieferanten zustehen. Die Kosten für das Einsetzen der neuen Teile trägt der Käufer. Wandlungs- und Minderungsansprüche und sonstige Schadensersatzansprüche sind ausgeschlossen.

**Warranty GB**

Apparent defects must be notified within 8 days from the receipt of the goods. Otherwise, the buyer's rights of claim due to such defects are invalidated. We guarantee for our machines in case of proper treatment for the time of the statutory warranty period from delivery in such a way that we replace any machine part free of charge which provably becomes unusable due to faulty material or defects of fabrication within such period of time. With respect to parts not manufactured by us we only warrant insofar as we are entitled to warranty claims against the upstream suppliers. The costs for the installation of the new parts shall be borne by the buyer. The cancellation of sale or the reduction of purchase price as well as any other claims for damages shall be excluded.

**Garantie FR**

Des défauts visibles doivent être signalés au plus tard 8 jours après la réception de la marchandise, sans quoi l'acheteur perd tout droit à des redevances pour de tels défauts. Nous garantissons nos machines, dans la mesure ou elles sont maniées correctement, pour la durée légale de garantie à compter de la remise dans ce sens que nous remplaçons gratuitement toute pièce de la machine devenue inutilisable durant cette période pour des raisons dermeur de matériau ou de fabrication. Toutes pièces que nous ne fabriquons pas nous-mêmes ne sont garanties que si nous possédons des droits à la garantie vis-à-vis des fournisseurs respectifs. Les frais pour la mise en place des nouvelles pièces sont à la charge de l'acheteur. Tous droits à rédhibition et toutes prétentions à diminutions ainsi que tous autres droits à l'indemnité sont exclus.

**Garanzia I**

Vizi evidenti vanno segnalati entro 8 giorni dalla ricezione della merce, altrimenti decadono tutti i diritti dell'acquirente inerenti a vizi del genere. Appurato un impiego corretto da parte dell'acquirente, garantiamo per le nostre macchine per tutto il periodo legale di garanzia a decorrere dalla consegna in maniera tale che sostituiamo gratuitamente quantsiasi componente che entro tale periodo presenti difetti di materiale o di fabbricazione e che risultino inutilizzabile. Per componenti non fabbricati da noi garantiamo solo nella misura nella quale noi stessi possiamo rivendicare diritti a garanzia nei confronti dei nostri fornitori. Le spese per il montaggio dei componenti nuovi sono a carico dell'acquirente. Sono escluse pretese di risoluzione per vizi, di riduzione o ulteriori pretese di risarcimento danni.

**Garantia ES**

Los defectos evidentes deberán ser notificados dentro de 8 días después de haber recibido la mercancía, de lo contrario el comprador pierde todos los derechos sobre tales defectos. Garantizamos nuestras máquinas en caso de manipulación correcta durante el plazo de garantía legal a partir de la entrega. Sustituiremos gratuitamente toda pieza de la máquina que dentro de este plazo se torne inútil a causa de fallas de material o de fabricación. Las piezas que no son fabricadas por nosotros mismos serán garantizadas hasta el punto que nos corresponda garantía del suministrador anterior.

Los costes por la colocación de piezas nuevas recaen sobre el comprador. Están excluidos derechos por modificaciones, aminoraciones y otros derechos de indemnización por daños y perjuicios.

**Garantia PT**

Para este aparelho concedemos garantia de 24 meses. A garantia cobre exclusivamente defeitos de material ou de fabricação. Peças avariadas são substituídas gratuitamente, cabe ao cliente efetuar a substituição. Assumimos a garantia unicamente de peças genuinas schepach. Não ha direito a garantia no caso de: peças de desgaste, danos de transporte, danos causados pelo manejo indevido ou pela desatenção as instruções de serviço, falhas da instalação elétrica por inobservaçoja das normas relativas à electricidade.

Além disso, a garantia só poderá ser reinvidicada para aparelhos que não tenham sido consertados por terceiros.

O cartão de garantia só vale em conexão com a fatura.

**Garantie NL**

Zichtbare gebreken moeten binnen de 8 dagen na ontvangst van de goederen worden gemeld, zo niet verliest de verkoper elke aansprraak op grond van deze gebreken. Onze machines worden geleverd met een garantie voor de duur van de wettelijke garantietermijn. Deze termijn gaat in vanaf het moment dat de koper de machine ontvangt. De garantie houdt in dat wij elk onderdeel van de machine dat binnen de garantietermijn aantoonbaar onbruikbaar wordt als gevolg van materiaal- of productiefouten, kosteloos vervangen. De garantie vervalt echter bij verkeerd gebruik of verkeerde behandeling van de machine. Voor onderdelen die wij niet zelf produceren, geven wij enkel de garantie die wij zelf krijgen van de oorspronkelijke leverancier. De kosten voor de montage van nieuwe onderdelen vallen ten laste van de koper. Eisen tot het aanbrengen van wijzigingen of het toestaan van een korting en overige schadeloosstellingsclaims zijn uitgesloten.

**Garanti NO**

Åpenbare mangler skal meldes innen 8 dager etter at varen er mottatt, ellers taper kunden samtlige krav inga slik mangel. Vi gir garanti for at våre maskiner ved riktig behandling under den rettslige garantitidens varighet, fra overlevering, på den måten at vi erstatter kostnadsfritt hver maskindel, som innen denne tiden påviselig er ubrukbar som følge av material- eller produksjonsfeil. For deler som vi ikke produserer selv, yter vi garanti kun i den utstrekning som garantikrav mot underleverandør tilkommer oss. Kjøperen bærer kostnadene ved montering av nye deler. Endrings- og verditapskrav og øvrige skadeerstatningskrav er utelukkede.

**Garanti SE**

Uppenbara brister ska anmälas inom 8 dagar efter mottagandet. I annat fall förlorar köparen samtliga anspråk på grund av dessa brister. Vi lämnar garanti för våra maskiner vid riktig hantering för den lagenliga garantitiden från överlagandet på det sättet, att vi kostnadsfritt ersätter varje maskindel, som inom denna tid blir obrukbar bevisligen som följd av material eller tillverkningsfel. För delar, som vi inte själva tillverkar, lämnar vi endast garanti i så måtto, som vi själva får garanti av våra underleverantörer. Kostnaderna för monteringen av de nya delarna bär köparen. Förändrings och värdeminskningsanspråk och övriga skadeståndsanspråk är uteslutna.

**Garanti DK**

Med denna maskin följer en 24 månaders garanti. Garantin täcker endast material- och konstruktionsfel. Defekta delar ersätts utan omkostningar, men kunden står för installationen. Vår garanti täcker endast original scheppach-delar. Anspråk på garanti bortfaller inte för garantin täcker ej, transportskador, skador orsakade av felaktig behandling och då skötselföreskrifter inte beaktats. Vidare kan garantikrav endast ställas för maskiner som inte har reparerats av tredje part.

**Takuu FIN**

Ilmeisistä puutteista tulee ilmoittaa kahdeksan päivän kuluessa tavaran vastaanottamisesta. Muutoin ostaja ei voi vaatia korvausta ko. puutteista. Annamme takuun oikein käsiteltyille koneillemme takistäteneeksi takuuaikasi tavaran luovutuksesta alkaen siten, että vaihdamme korvauksetta minkä tahansa koneenosan, joka osoittautuu tämän ajan kuluessa käyttökelvottomaksi raaka-aine- tai valmistusvirheestä johtuen. Osille, jota emme valmista itse, annamme takuun vain mikäli siihen toimittaja on antanut tästä takuun meille. Uusien osien asennuskustannukset maksaa ostaja. Purku- ja vähennysvaatimukset ja muut vahingonkorvausvaatimukset eivät tule kysymykseen.

**Záruka SK**

Zrejmé vady musia byť predstavené v priebehu 8 dní po obdržaní tovaru, inák zákazník stratí všetky nároky týkajúce sa takejto vady. Poskytneme záruku na naše aparáty, ktoré sú správne používané počas zákonného termínu záruky tak, že bezplatne vymeníme každú časť aparátu, ktorá sa v priebehu tohto času môže stať dokázateľne nefunkčnou dôsledkom materiálnej či výrobnej vady. Na časti ktoré sami nevyrábame, poskytujeme záruku iba v rozsahu, v ktorom nám prislúži nárok na záručné plnenie k subdodávateľovi. Za trovy týkajúce sa inštalácie novej súčiastky je zodpovedný zákazník. Nárok na výmenu tovaru, na zľavu a iné nároky na nahradenie škody su vylúčené.

**Garancija SLO**

Očitne pomanjkljivosti je potrebno naznaniti 8 dni po prejemu blaga, v nasprotnem primeru izgubi kupec vse pravice do garancije zaradi takšnih pomanjkljivosti. Za naše naprave dajemo garancijo ob pravilni uporabi za čas zakonsko določenega roka garancije od predaje in sicer na takšen način, da vsak del naprave brezplačno nadomestimo, za katerega bi se v tem roku izkazalo, da je zaradi slabega materiala ali slabe izdelave neuporaben. Za dele, ki jih sami ne izdelujemo, jamčimo samo toliko, kolikor zahteva garancija drugih podjetij. Stroški za vstavljanje novih delov nosi kupec. Zahteve za spremembe in zmanjšanje ter ostale zahteve za nadomestilo škode so izključene.

**Záruka CZ**

Viditelné vady jsou poukazatelné během 8 dní od obdržení zboží, jinak ztrácí zákazník všechny nároky týkající se takovýchto vad. Poskytujeme záruku na naše stroje, s kterými je správně zacházeno, na dobu zákonné záruční lhůty začínající od doručení tak, že bezplatně vyměníme každou část stroje, která se během této doby může stát prokazatelně nepoužitelnou následkem materiálové či výrobní vady. Na díly, které sami neopravujeme, poskytujeme záruku pouze v rozsahu, v němž nám přísluší nárok na záruční plnění vůči subdodavateli. Náklady na instalaci nového dílu nese zákazník. Nárok na výměnu zboží, na slevu a jiné nároky na náhradu škody jsou vyloučené.

**Garantii EST**

Ilmselgetest vigadest tuleb teatada 8 päeva jooksul pärast kauba kättesaamist, vastasel juhul kaotab ostja kõik õigused garantiide nimetatud vigade tõttu. Õige käsitsemise korral anname oma masinatele garantii seadusega ettenähtud ajaks alates kauba üleandmisest nii, et vahetame tasuta välja kõik masina osad, mis nimetatud aja jooksul peaks muutuma kasutuskõlbmatuks materjali- või tootmisvea tõttu. Osade eest, mida me ise ei tooda, anname garantii vaid selles osas, mis tarnija on meile garanteerinud. Uute osade paigaldamine kulud kannab ostja. Muutmis- ja amortisatsioonisõuded ning muud kahjutasunõuded välistatakse.

**Гарантия (RUS)**

Об очевидных дефектах необходимо уведомить в течение 8 дней после получения товара. В ином случае все претензии покупателя по таким дефектам не принимаются. Мы предоставляем гарантию на наши машины при условии правильного обращения с ними. Гарантия действует с момента передачи машины в течение установленного законом гарантийного срока. В течение этого времени мы гарантируем бесплатную замену любой части машины, если она стала непригодны к использованию в результате доказуемых ошибок в применяемых материалах или при изготовлении. На части машины, которые мы не изготавливаем сами, мы предоставляем гарантии в той мере, насколько нас касаются рекламационные претензии к изготовителям. Расходы по замене деталей несет покупатель. Претензии на расторжение договора купли-продажи, штрафы и прочие требования о возмещении ущерба исключаются.

**Gwarancja (POL)**

Wszelkie usterkodzenia muszą być zgłaszane w przeciągu 8 dni od daty otrzymania towaru, w przeciwnym wypadku, prawo do reklamacji wygasa. Gwarantujemy, że w czasie trwania gwarancji wymienimy wszelkie części maszyny, które okażą się niesprawne na skutek wad materiału z jakiego zostały wykonane lub błędow w produkcji bez dodatkowych opłat pod warunkiem, że maszyna będzie obsługiwana zgodnie z zaleceniami. W odniesieniu do części nie produkowanych przez nas, gwarancja obowiązuje tylko w przyjeciu naszych dostawców. Koszty instalacji nowych części są ponoszone przez klienta. Odszkodowania wynikłe z uszkodzeń maszyny oraz redukcje ceny zakupu maszyny w ramach reklamacji nie będą rozpatrywane.

**Garantija (LAT)**

Acīmredzami defekti ir jāpaziņo 8 dienu laikā no preces saņemšanas. Pretējā gadījumā prasība tiesības pieprasīt attīdzību par šādiem defektiem ir spēkā neesošas. Mēs dodam garantiju savām iekārtām, ja pircējs pret tām atbilstoši izturas garantijas laikā. Mēs apņemamies bez maksas piegādāt jebkuru rezerves daļu, kas iespējams kļuvusi nelietojams bojātu materiālu vai tažošanas defektu dēļ šajā laika periodā. Attiecībā uz rezerves daļām, kuras nav mūsu ražotes, mēs garantijam tikai tādā mērā, kādā mums ir garantija no saviem piegādātājiem. Jaunu detaļu uzstādīšanas izmaksas ir jāuzņemas pircējam. Pirkuma atcelšana vai pirkuma cenas samazināšana, kā arī jebkuras citas prasības par bojājumu atlīdzināšanu nebek izskatītas.

**Garantija (LIT):**

Dėl akivaizdžiai matomų defektų turi būti informuota per 8 dienas nuo pristatymo momento. Kitu atveju pirkėjo teisė reikšti pretenzią dėl šių defektų yra negaliojanti. Slavo įrenginiams mes garantuojame įstatymo nustatytą pilną aptarnavimą garantinio laikotarpio metu, jei yra laikomasi gamintojo vartotojo sustarimo ir mes pažadame nemokamai pakeisti bet kurias mašinos dalis, sugedusias dėl blogos medžiagos ar gamykilmo broko. Mes neatsakome už dalis, pagamintas ne mūsų ir jūsų gautas iš kito tiekėjo. Naujų dalių montavimo kaštai yra pirkėjo atsakomybė. Pirkimo nutraukimas ar pirkimo kainos sumažinimas, kaip ir bet kurios kitos pretenzijos dėl nuostolių nebus patenkinamos.

**Äbygā (IS)**

Augljósar skemmdir verður að tilkynna innan 8 daga frá viðtöku vörunnar. Annars er rétturkaupanda um bætur vegna slíka skemmda ógildur. Við ábyrgumst, í tilfelli réttar meðhöndlunar yfir lögbundið ábyrgðartímabil frá afhendingu, að við skiptum um hvern vélarhlut án kostnaðar sem ónothæfur er vegna galla á efnis eða skemmda í framleiðslu innan ákveðins tímabils. Af þvi er tekur til hluti sem ekki eru framleiddir af okkur, ábyrgjumst við af því leiti aðeins að við eigum rétt á ábyrgðarkröfum gagnvart birgðasölum. Kostnaður vegna uppsetningar á nýjum hlutum skal falla í skaut kaupanda. Ópröing sölu eða afsláttur á kaupverði sem og aðrar kröfur vegna skemmda eru undanskildar.

| | | |
|---|---|---|
| **Händler:** | **Gerätetype:** | **Gerätenummer:** |
| **Dealer:** | **Appliance type:** | **Serial number:** |
| **Vendeur:** | **Type dapparail:** | **Numéro de l'appareil:** |
| **Rivenditore:** | **Tipe diapparecchio:** | **N. dell'apparecchio:** |
| **Handelaar:** | **Type:** | **Nummer:** |
| **Återförsäljare:** | **Maskin typ:** | **Maskin nr.:** |
| **Myyjälle:** | **Kone:** | **Koneen numero:** |
| **Forhandler:** | **Apparat type:** | **Apparat nummer:** |
| **Forhandler:** | **Maskintype:** | **Maskinnummer:** |